

1. Incident Name		2. Date Prepared	3. Time Completed	UNIT DEBRIEF LOG ICS 214B – NDOW	
Hurricane Harvey 2017		08/31//17	4pm		
4. Unit Name/Designators		5. Unit Leader		6. Daily Operational Period	
Environmental Unit		Name: Phil Turner & Jon Rauscher		DATE	TIME
		Position: Unit Leader		From: 08/31/17	7am
				To: 08/31/17	7pm
7. Personnel Roster Assigned					
Name		ICS Position		Affiliation	
Nick Stone		EU staff		Region 6 RSC	
Larisa Leonova		EU staff		Region 5	
Taimur Shaikh		EU staff		Region 6 RSC	
8. Operational Period Debrief					
General Remarks / Accomplishments:					
8:00am Open discussion on the explosion at Arkema: Phil Turner, Jon Rauscher, Larisa Neonova, Nick Stone.					
8:30am Conference call with Marc Greenberg at ERT Cincinnati, OH.					
Marc asked that Craig Carroll share the TAGA scoping document with EU. They understand TAGA will investigate industrial plants as they return to operations and will compare the results to background data TAGA measured several years ago.					
8:45am Larisa tasked to craft a Crosby Addendum for the Floodwater Sampling & Analysis Plan to address floodwater contaminants in and near the Arkema facility.					
9:00am Command Staff Briefing: Ops expects facility assessment, water sampling, orphaned containers, and debris assessment. DSC reported on ASPECT flyover at Arkema and reported 8 more potential explosions. Please add M6H1HARVEYRESPONSE on all emails.					
EU provided a paragraph in concert with Health & Safety on human impacts with organic peroxides. EU will craft an addendum to the floodwater sampling & analysis plan to specifically address contaminants at Arkema. The soil sampling & analysis plan is in progress. It has been decided to use RMLs instead of incident specific screening levels. DQO revisions are underway.					
ASTDR liaison reported that everyone should have the Poison Control Number on their phones as the Texas Center coordinates chemical information to callers, hospitals, and first responders.					
12:00pm Completed the Arkema Risks statement for HQ.					
1:00pm R6 – HQ EU conference call: Gary Chan ORIA, Kevin Tingler, Petit, Mel. R6 working on QASPs and there will be a Weston QAPP attached. We incorporated HQ’s comments into the floodwater QASP and said there will be a site specific addendum to account for the Arkema fire. We expect more explosions, and don’t know when. We will forward any storyboard to HQ we get. HQ wants to see the Weston general QAPP to confirm the chemistry used for the testing. Also, who and how will validate the test data. HQ wants more detail on the organic analysis performed by PHILIS. HQ wants the Regional QAPP to specify test methods & holding times. Region 6 is using Weston to identify laboratories certified by Texas. HQ asked about wastewater testing and we said we hope to satisfy testing needs through the wastewater permit. HQ is working on DQOs for the TAGA. They expect to monitor during startup. TAGA is using background data from 2 years ago in the industrial areas.					
3:00pm Larisa and Taimur worked through the modelling from IMMAC, addressed the plume conditions for the Safety Officer, and started a plain language risk summary for Arkema facility.					
4:00pm EU participated with TCEQ in discussing the summary of risks at the Arkema facility. It was determined that EPA would review the TCEQ/EPA press release. EU reviewed the release, and recommended concurrence to the IC.					
ADDITIONAL/SUPPORTING DOCUMENTATION: <input type="checkbox"/> Response Manager <input type="checkbox"/> Photographs <input type="checkbox"/> Video <input type="checkbox"/> Logbook <input type="checkbox"/> Other: _____					
Health & Safety Issues / Problem Areas:					

**Next Operational Period Requirements (Additional-Reduction in Resources) (Tactical Changes):**

